

AMENDMENTS TO THE CLAIMS

Please amend the claims as indicated in the below listing of claims that will replace all prior versions and listings of claims in the application. An identifier indicating the status of each claim is provided.

LISTING OF CLAIMS:

1. (Currently Amended) A digital broadcast signal processing apparatus comprising:

a memory section for storing GPS position information received from a movable body that is an object in a corresponding program; and

a multiplex processing section for multiplexing on a digital broadcast signal of the corresponding program GPS position information received from the movable body and GPS position information received from an imaging apparatus ~~on a digital broadcast signal of a corresponding program~~ that is operable to acquire imaging area information concerning the corresponding program and is disposed mechanically independent of a movable body that is an object in the corresponding program.

2. (Currently Amended) A digital broadcast signal processing apparatus comprising:

a mapping processing section for mapping on a map position information of a movable body that is an object in a corresponding program and position information of an imaging apparatus ~~on a map~~ on a basis of GPS position information received from the movable body and GPS position information received from the imaging apparatus, wherein the imaging apparatus is operable to acquire imaging area information concerning the corresponding program

and is disposed mechanically independent of a movable body that is an object in the corresponding program; and

a multiplex processing section for multiplexing mapping information generated by said mapping processing section on a digital broadcast signal.

3-6. (Canceled)

7. (Original) The digital broadcast signal processing apparatus according to claim 1, wherein said multiplex processing section multiplexes profile information concerning the movable body on the digital broadcast signal.

8. (Original) The digital broadcast signal processing apparatus according to claim 7, wherein said profile information includes uniform resource locator (URL) information or mail address information, both being for access to information concerning the movable body.

9. (Currently Amended) A digital broadcast signal processing apparatus comprising:

a mapping processing section for separating from a digital broadcast signal that was received or reproduced GPS position information of a movable body that is an object in a corresponding program and GPS position information of an imaging apparatus that is operable to acquire imaging area information concerning the corresponding program and is disposed mechanically independent of a movable body that is an object in the corresponding program,
~~from a digital broadcast signal that was received or reproduced~~ to map position information of

the movable body and the imaging apparatus on a map on a basis of GPS position information of the movable body and GPS position information of the imaging apparatus; and

a multiplex processing section for multiplexing mapping information generated in said mapping processing section on a digital broadcast signal of a the corresponding program.

10-11. (Canceled)

12. (Currently Amended) A digital broadcast signal processing apparatus comprising:

a memory section for storing profile information concerning a movable body that is an object in a corresponding program; and

a multiplex processing section for multiplexing on a digital broadcast signal the profile information and position information of an imaging apparatus that was received or reproduced, wherein the imaging apparatus is operable to acquire imaging area information concerning the corresponding program and is disposed mechanically independent of a movable body that is an object in the corresponding program on a digital broadcast signal.

13. (Previously Presented) The digital broadcast signal processing apparatus according to claim 12, wherein position information of the movable body that is the object, mapping information generated by mapping of the position information of the movable body that is the object and/or position information of an imaging apparatus on a map, imaging area information by the imaging apparatus and object information by the imaging apparatus is multiplexed on the digital broadcast signal.

14. (Original) The digital broadcast signal processing apparatus according to claim 12, wherein said profile information includes uniform resource locator (URL) information or mail address information for access to information concerning the movable body.

15-22. (Canceled)

23. (Currently Amended) A digital broadcast signal processing method comprising the steps of:

reading out GPS position information received from a movable body that is an object in a corresponding program;

reading out GPS position information received from an imaging apparatus that is operable to acquire imaging area information concerning the corresponding program and is disposed mechanically independent of a movable body that is an object in the corresponding program; and

multiplexing GPS position information received from the movable body and GPS position information received from the imaging apparatus on a digital broadcast signal of a the corresponding program.

24. (Currently Amended) A digital broadcast signal processing method comprising the steps of:

mapping on a map position information of a movable body that is an object in a corresponding program and position information of an imaging apparatus ~~on a map~~ on a basis of GPS position information received from the movable body and GPS position information received from the imaging apparatus, wherein the imaging apparatus is operable to acquire

imaging area information concerning the corresponding program and is disposed mechanically independent of a movable body that is an object in the corresponding program; and

multiplexing mapping information generated in said mapping step on a digital broadcast signal.

25-27. (Canceled)

28. (Currently Amended) A digital broadcast signal processing method comprising the steps of:

reading out GPS position information received from a movable body that is an object in a corresponding program;

reading out imaging area information by an imaging apparatus;

reading out GPS position information received from an imaging apparatus that is operable to acquire imaging area information concerning the corresponding program and is disposed mechanically independent of a movable body that is an object in the corresponding program; and

multiplexing GPS position information received from the movable body, GPS position information received from the imaging [[apparatus and]] apparatus, and the imaging area information on a digital broadcast signal of a the corresponding program.

29. (Original) The digital broadcast signal processing method according to claim 24, said method further comprising a step of:

multiplexing profile information concerning the movable body on the digital broadcast signal.

30. (Original) The digital broadcast signal processing method according to claim 29, wherein the profile information includes uniform resource locator (URL) information or mail address information, both being for access to information concerning the movable body.

31. (Currently Amended) A digital broadcast signal processing method comprising the steps of:

separating from a digital broadcast signal that was received or reproduced GPS position information of a movable body that is an object in a corresponding program and GPS position information of an imaging apparatus that is operable to acquire imaging area information concerning the corresponding program and is disposed mechanically independent of a movable body that is an object in the corresponding program, from a digital broadcast signal that was received or reproduced to map position information of the movable body and the imaging apparatus on a map on a basis of GPS position information of the movable body and GPS position information of the imaging apparatus; and

multiplexing mapping information generated in said step on a digital broadcast signal of a the corresponding program.

32-33. (Canceled)

34. (Currently Amended) A digital broadcast signal processing method comprising the steps of:

reading out profile information concerning a movable body that is an object in a corresponding program;

reading out GPS position information of an imaging apparatus that is operable to acquire imaging area information concerning the corresponding program and is disposed mechanically independent of a movable body that is an object in the corresponding program; and multiplexing the profile information concerning the movable body and the GPS position information on a digital broadcast signal.

35. (Previously Presented) The digital broadcast signal processing method according to claim 34, wherein position information of the movable body that is the object, mapping information generated by mapping of the position information of the movable body that is the object and/or position information of an imaging apparatus on a map, imaging area information by the imaging apparatus and object information by the imaging apparatus is multiplexed on the digital broadcast signal.

36. (Original) The digital broadcast signal processing method according to claim 34, wherein said profile information includes uniform resource locator (URL) information or mail address information for access to information concerning the movable body.

37-44. (Canceled)

45. (Currently Amended) A digital broadcast signal processing method comprising the processes of:

multiplexing on a picture signal GPS position information received from a movable body that is an object in a corresponding program and GPS position information received from an imaging apparatus on a picture signal that is operable to acquire imaging area

information concerning the corresponding program and is disposed mechanically independent of a movable body that is an object in the corresponding program; and

transmitting the picture signal after the multiplexing process as a digital broadcast signal.

46. (Currently Amended) A digital broadcast signal processing method comprising the processes of:

multiplexing on a picture signal GPS position information of a movable body that is an object in a corresponding program, GPS position information of an imaging apparatus that is operable to acquire imaging area information concerning the corresponding program and is disposed mechanically independent of a movable body that is an object in the corresponding program, and imaging area information by the imaging apparatus ~~on a picture signal~~; and

transmitting the picture signal after the multiplexing process as a digital broadcast signal.

47. (Currently Amended) A digital broadcast signal processing method comprising the processes of:

multiplexing on a picture signal mapping information generated by mapping on a map position information of a movable body that is an object in a corresponding program and position information of an imaging apparatus ~~on a map on a picture signal~~ that is operable to acquire imaging area information concerning the corresponding program and is disposed mechanically independent of a movable body that is an object in the corresponding program; and

transmitting the picture signal after the multiplexing process as a digital broadcast signal.

48. (Canceled)

49. (Currently Amended) A digital broadcast signal processing method comprising the processes of:

 multiplexing on a picture signal profile information concerning a movable body that is an object in a corresponding program and GPS position information of an imaging apparatus ~~on a picture signal~~ that is operable to acquire imaging area information concerning the corresponding program and is disposed mechanically independent of a movable body that is an object in the corresponding program; and

 transmitting the picture signal after the multiplexing process as a digital broadcast signal.